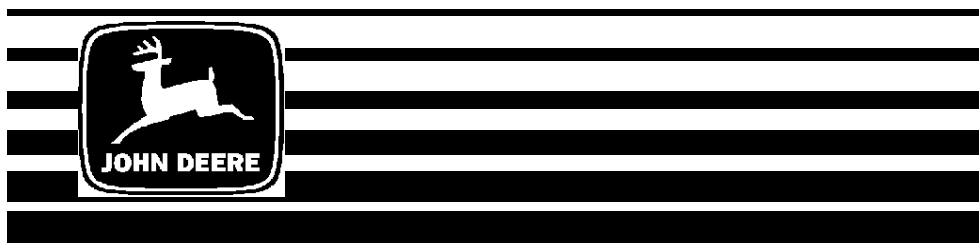


14SX 21-Inch Commercial Walk-Behind Rotary Mower

(Serial No. 140001 –)



OPERATOR'S MANUAL

John Deere
Lawn & Grounds Care Division
OMM121613 H5

North American Version
Litho in U.S.A
English

INTRODUCTION

THANK YOU for purchasing a John Deere product.

Read this manual and your attachment manuals thoroughly. Failure to do so could result in personal injury or equipment damage.



C WARNING: The Engine Exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

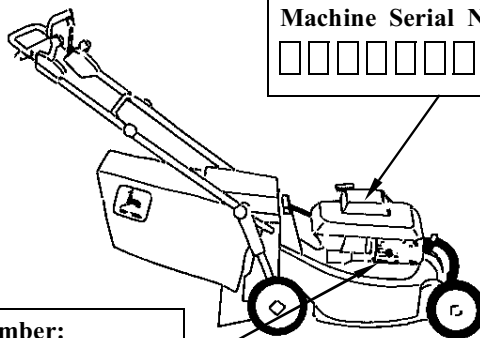
CALIFORNIA Proposition 65 Warning

This manual should be considered a permanent part of your machine and should remain with the machine when you sell it.

Measurements in this manual are metric units and their U.S. customary equivalents. RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward. When you see a broken line arrow (- - - →) it indicates the part it is pointing to is hidden.

Record identification numbers below. Be sure to record all the numbers to help in tracing the machine if it is stolen. You also

Date of Purchase: _____	Dealer Name: _____	Phone: _____
-----------------------------------	------------------------------	------------------------



Machine Serial Number:
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

Engine Serial Number:
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

TABLE OF CONTENTS

	Page
Safety Signs	
Safety-Alert Symbol.....	1
Machine Safety Labels	1
Certification Label.....	3
Controls	
Engine Controls	4
Handle Controls.....	4
Cutting Height Controls.....	5
Operating	
Operate Safely.....	6
Rotating Blades Are Dangerous - Protect Children And Prevent Accidents	7
Wear Appropriate Clothing	7
Adjusting Cutting Height	8
Adjusting Handle Height	9
Starting Engine	9
Blade Operation.....	10
Forward Travel.....	11
Travel Speeds.....	11
Stopping Engine	12
Emergency Stopping	12
Using Discharge Chute (Optional).....	12
Using Grass Bag.....	13
Using Mulch Blade (Optional).....	13
Using Mulch Plug (Optional).....	14
Transporting Mower.....	14
Lawn Care	
Mowing Tips.....	15
Trimming Tips.....	16
To Avoid Scalping.....	16
Bagging Tips.....	17

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

TABLE OF CONTENTS

	Page
Lawn Care (Continued)	
Bagging And Composting	17
Mulching Tips	18
After Mowing	19
Replacement Parts	
WE RECOMMEND JOHN DEERE quality parts and lubricants, available at your John Deere dealer.....	20
Service Machine Safely	
Practice Safe Maintenance	21
Wear Appropriate Clothing	21
Avoid Injury From Contacting Blades.....	22
Handling Waste Products.....	22
Service	
Service Intervals.....	23
Service Record.....	23
Avoid Fumes	24
Checking Engine Oil Level	25
Changing Engine Oil	26
Changing Oil Filter	27
Cleaning Air Cleaner Foam Element.....	28
Replacing Paper Element	29
Cleaning And Gapping Spark Plug	30
Cleaning Cooling Fins.....	30
Adjusting Carburetor	31
Adjusting Throttle Cable.....	31
Adjusting Choke.....	32
Adjusting Speed Select Cable.....	32
Adjusting Traction Clutch	33
Grease	35
Gear Oil.....	36
Lubricate Rear Axle Bushings.....	37

TABLE OF CONTENTS

	Page
Service (Continued)	
Clean And Lubricate Rear Axle Key	37
Cleaning Belt And Transmission Area	39
Cleaning Mower	40
Cleaning Fuel Cap Vent.....	40
Check, Tighten, And Remove Blade.....	41
Sharpen Blade	42
Balance And Install Blade.....	42
Handle Fuel Safely	43
Filling Fuel Tank.....	44
Troubleshooting	
Using Troubleshooting Chart.....	46
Storing Machine	
Storing Mower Safely.....	49
Storing Mower.....	49
Remove Mower From Storage.....	50
Assembly	
Fasten Lower Handle To Bracket	51
Fasten Upper Handle To Lower Handle	51
Add Engine Oil.....	52
Install Grass Bag	53
Test Mower Operation	53
Specifications	
Engine.....	55
Machine Specifications	55
Recommended Lubricants.....	56

TABLE OF CONTENTS

	Page
Warranty Information	
Product Warranty	58
Limited Engine Warranty.....	58
 John Deere Service Literature Available	
Order Form.....	63

All information, illustrations and specifications in this manual are based on the latest information at the time of publication. The right is reserved to make changes at any time without notice.

COPYRIGHT© 1995
John Deere Horicon Works
All rights reserved
Previous Editions
COPYRIGHT© 1994

SAFETY SIGNS

Safety-Alert Symbol

Read and recognize safety information. Be alert to the potential for personal injury when you see this safety-alert symbol.



On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards. In this manual, the word CAUTION and this symbol call attention to safety messages.

Machine Safety Labels




SAFETY SIGNS

⚠ CAUTION HELP AVOID INJURIES	<i>• Pick up objects that blade may hit and throw</i>
	<i>• Keep children and bystanders far away</i> <i>• Stop engine before adjusting cutting height</i> <i>• Read operator's manual</i>
	M73149



M60981

	⚠ DANGER ROTATING BLADE DO NOT PUT HANDS OR FEET UNDER OR INTO MOWER WHEN ENGINE IS RUNNING
	M73170

SAFETY SIGNS



M60980

⚠ CAUTION

- BAG IS SUBJECT TO WEAR AND DETERIORATION
- CHECK BAG FREQUENTLY. REPLACE WHEN NECESSARY
- USE JOHN DEERE BAG OR EQUIVALENT TO COMPLY WITH SAFETY SPECIFICATIONS

M73172

⚠ DANGER

ROTATING BLADE
Stop engine before lifting door and clearing discharge

THROWN OBJECTS
Do not lift or block door open with blade engaged

Do not mow without catcher, side chute or mulcher plug/plate in place

M73467

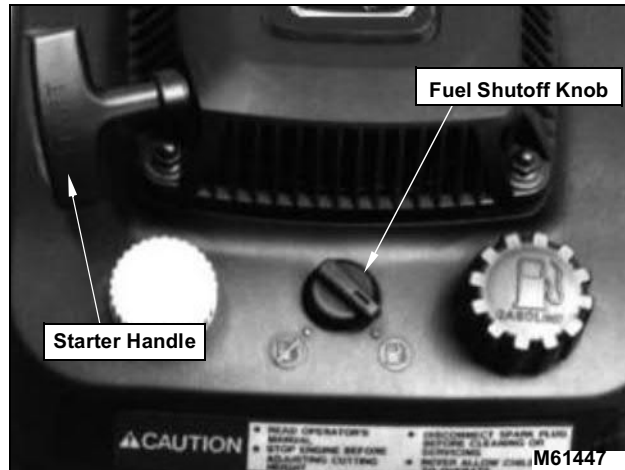
Certification Label

This label on your machine indicates that this model has been tested and evaluated by the manufacturer and conforms to rotary mower requirements of the American National Standard B-71.4.1990 for Commercial Turf Care Equipment Safety Specification.

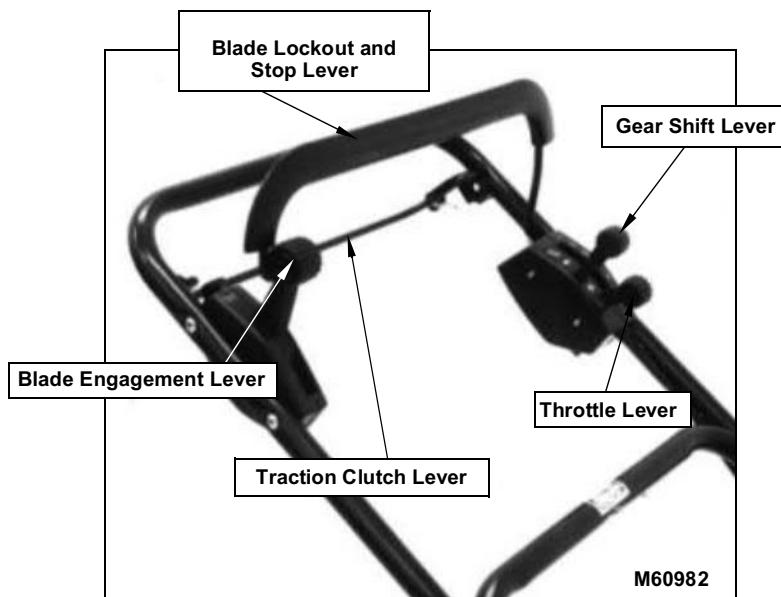
THIS MODEL HAS BEEN TESTED AND EVALUATED BY THE MANUFACTURER AND CONFORMS TO ALL APPLICABLE ROTARY MOWER REQUIREMENTS OF ANSI B71.4 - 1990 AMERICAN NATIONAL STANDARD FOR COMMERCIAL TURF CARE EQUIPMENT SAFETY SPECIFICATION

CONTROLS

Engine Controls

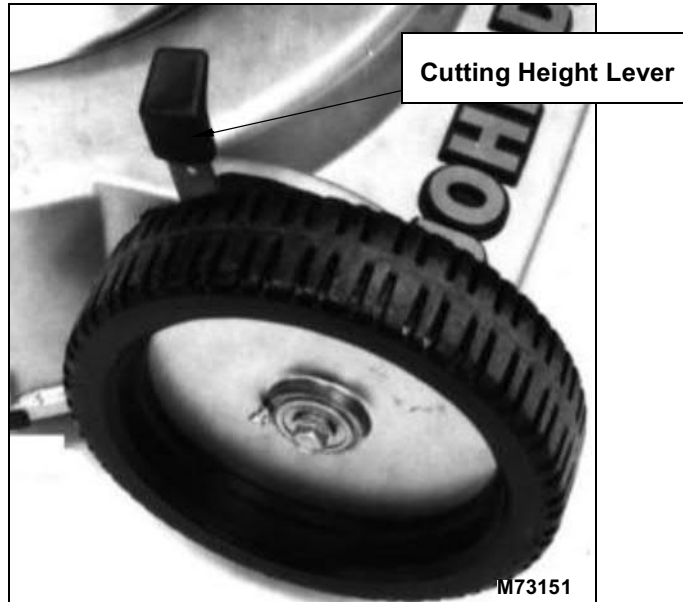


Handle Controls



CONTROLS

Cutting Height Controls



OPERATING

Operate Safely

- Inspect machine before you operate. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure proper guards, plates, grass catcher, or other safety
- protective devices are in good condition and fastened in place. Make any necessary adjustments before you operate.
- Clear work area of objects that might be thrown. Keep people and pets out of the work area. Stop machine if anyone enters the area.
- If you hit an object, stop the machine and inspect it. Make repairs before you operate. Keep machine properly maintained and in good working order. Keep all guards, plates, grass catcher, or other safety devices in place.
- DO NOT leave machine unattended when it is running.
- Only operate during daylight or with good artificial light.
- Be sure of footing. Be especially careful when you pull machine backwards with the engine running.
- Mow across a hill - not up and down. Be careful when you change direction on a slope. Do Not mow excessively steep slopes.
- DO NOT mow wet grass. Reduced traction could cause you to slip.
- Stop the blade when crossing gravel drives, walks, or roads.
- Keep a firm hold on the machine handle.
- DO NOT wear radio or music headphones while operating the machine. Safe operation requires your full attention.
- DO NOT operate mower if you are under the influence of drugs or alcohol.



OPERATING

Rotating Blades Are Dangerous - Protect Children And Prevent Accidents



PROTECT CHILDREN:

- Never assume that children will remain where you last saw them. Children are attracted to mowing activity, stay alert to the presence of children.
- Keep children in the house when you are operating the machine.
- Turn machine off if a child enters the area.
- Use extra care when you come to blind corners, shrubs, trees, or other objects that may block your vision.
- DO NOT let children or an untrained person operate the machine.

HELP PREVENT SERIOUS OR FATAL ACCIDENTS:

- Be alert at all times, people ESPECIALLY CHILDREN can move quickly into the area before you know it.
- Shut off blades when you are not mowing.
- Keep hands, feet, and clothing away from rotating blades.

Wear Appropriate Clothing



- Wear close fitting clothing and safety equipment appropriate for the job.
- Do Not operate the equipment when barefoot or wearing open sandals. Always wear substantial footwear.
- Loud noise can cause impairment or loss of hearing, wear a suitable protective device such as earplugs.



Suggest:

If the above button click is invalid.

Please download this document

first, and then click the above link

to download the complete manual.

Thank you so much for reading

OPERATING

Adjusting Cutting Height

C CAUTION: Before you adjust cutting height:
 • STOP ENGINE.

IMPORTANT: Adjust all levers to the same height except when you mow in the LOWEST 1/2 in. (13 mm) position.

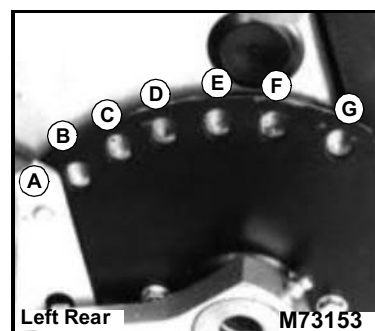
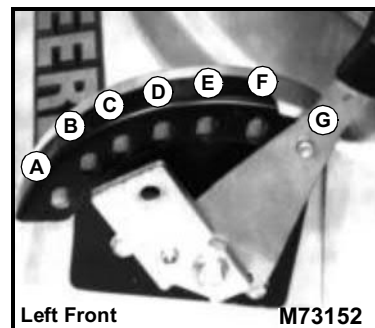
TO HELP MOVE REAR WHEEL LEVERS:

- Lift lower handlebar slightly with one hand to take some weight off wheel.
- Move height adjustment lever to desired position with other hand.

TO USE THE LOWEST CUTTING HEIGHT POSITION:

- Put front wheel levers in 1/2-in. (13 mm) notch (G): First rear notch.
- Put rear wheel levers in 1-in. (25 mm) notch (F): Second rear notch.

Cutting Height Adjustments In Inches (MM)
(A) 3-1/2 in. (90 mm)
(B) 3 in. (75 mm)
(C) 2-1/2 in. (64 mm)
(D) 2 in. (50 mm)
(E) 1-1/2 in. (38 mm)
(F) 1 in. (25 mm)
(G) 1/2 in. (13 mm)



<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>